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U.S. ARMY CORPS of ENGINEERS
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EM 1110-2-1603

Engineer Manual
No. 1110-2-1603

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Engineering and Design

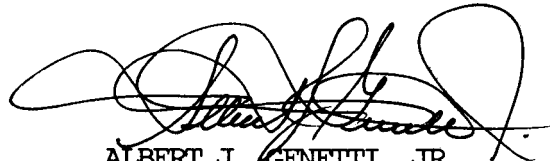
HYDRAULIC DESIGN OF SPILWAYS

1. Purpose. This manual provides guidance for the hydraulic design of spillways for flood control or multipurpose dams.

2. Applicability. This manual applies to all Headquarter US Army Corps of Engineers (HQUSACE) elements and all field operating activities (FDA) having responsibility for the design of Civil Work projects.

3. General. Procedures recommended herein are considered appropriate for design of features which are usable under most field conditions encountered in Corps of Engineers projects. Basic theory is present as required to clarify presentation and where the state of the art, as found in standard textbooks, is limited. In the design guidance, where possible, both laboratory and prototype experimental test results have been correlated with current theory.

FOR THE COMMANDER:



ALBERT J. GENETTI, JR.
Colonel, Corps of Engineers
Chief of Staff

This manual supersedes EM 1110-2-1603, 31 March 1965